

LISTING OF CLAIMS

The claims in this listing will replace all previous versions, and listings, of claims in this application.

1. (Currently Amended) A component mounting apparatus comprising:
a work conveyor-positioner unit~~(6)~~ arranged on a supporting base~~(2)~~ for conveying and positioning a work~~(5)~~ in an X direction;
supporting frames~~(3, 3)~~ arranged in a standing manner on both ends of the supporting base~~(2)~~ in a Y direction being orthogonal to the X direction;
a plurality of Y-axis tables~~(10, 10)~~ provided between upper ends of the both supporting frames~~(3, 3)~~ at an appropriate interval;
X-axis tables~~(11)~~ attached to movable portions~~(10d)~~ of the respective Y-axis tables~~(10)~~; and
operating heads~~(12)~~ attached to movable portions~~(11d)~~ of the X-axis tables~~(11)~~ for performing operations with respect to the work on the work conveyor-positioner unit~~(6)~~,
wherein upper ends of the supporting frames~~(3, 3)~~ are located below eyes~~(E)~~ of a worker~~(W)~~.

2. (Currently Amended) The component mounting apparatus according to claim 1, wherein the Y-axis table~~(10)~~ includes a movable portion~~(10d)~~ at a lower part thereof, the X-axis table~~(11)~~ includes a movable portion~~(11d)~~ at a lower

part thereof, and the operating head-(12) is attached to a lower part of the movable portion-(11d) of the X-axis table-(11).

3. (Currently Amended) The component mounting apparatus according to claim 1, wherein a central portion of the X-axis table-(11, 11) is attached to the movable portion-(10d) of the Y-axis table-(10, 10), and the interval for arranging the Y-axis tables-(10, 10) is set slightly longer than a length of the X-axis table (11).

4. (Currently Amended) The component mounting apparatus according to claim 1, wherein the X-axis table-(11) includes guide portions-(11e) provided on both sides thereof to movably support the movable portion-(11d) arranged at the lower part thereof, and a linear motor-(11e) provided on an upper side of a traveling path of the movable portion-(11d) and between the guide portions-(11e) on the both sides to drive and position the movable portion-(11d).

5. (Currently Amended) The component mounting apparatus according to claim 1, wherein a component supplying unit-(7) is arranged on one side or both sides in the Y direction on the supporting base-(2), the operating head-(12) includes an elevating mechanism-(13) in a position immediately below the movable portion-(11d) of the X-axis table-(11), and a nozzle unit-(14) having a

plurality of nozzles ~~(17)~~ for attaching components at the component supplying unit ~~(7)~~ by suction is disposed beside the elevating mechanism ~~(13)~~.

6. (Currently Amended) The component mounting apparatus according to claim 5, wherein the plurality of nozzles ~~(17)~~ are arranged in the nozzle unit ~~(14)~~ to be capable of performing attachment by suction simultaneously at the component supplying unit ~~(7)~~.

7. (Currently Amended) The component mounting apparatus according to claim 6, wherein the nozzle unit ~~(14)~~ includes a selection mechanism ~~(19)~~ for selectively transmitting the elevating operation of the elevating mechanism ~~(13)~~ to a desired nozzle ~~(17)~~.